

AMENDMENTS

In The Claims:

Please amend the claims as follows.

1 1.-22 (cancelled).

2 23. (Previously presented) A communication system comprising:

3 (a) a hub for communicating at least one first signal and at least one second signal,  
4 converting the first signal into a radio frequency with an appropriate format and  
5 transmitting the first signal to conductive elements via an exciter;

6 (b) a probe for receiving the first signal, converting the first signal into the second  
7 signal and transmitting the second signal to the hub via the exciter;

8 wherein the conductive elements are conductive members selected from a  
9 conductive frameworks, electrical wires, metal walls or any combination thereof; and

10 the conductive elements receive the second signal from the probe and transmit the  
11 second signal to the exciter.

1 24. (Currently amended) The system recited in claim [4] 23, wherein the hub includes at  
2 least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a  
3 modem, a security controller, and a network processor.

1 25. (Currently amended) The system recited in claim [2] 24, wherein the security controller  
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

26. (Currently amended) The system recited in claim [4] 23, wherein at least one of the first signal and the second signal are at a radio frequency between 0.5-100 MHz.

27. (Currently amended) The system recited in claim [4] 23, wherein at least one of the first signal and the second signal includes information from at least one of a satellite television, a cable television, an Internet provider, a computing device, a phone provider, a DVD player, a computer, a television, DSL, and LAN.

28. (Currently amended) The system recited in claim [4] 23, wherein the hub is connected to another hub by a hard wire or wirelessly.

29. (Currently amended) A communication method comprising the steps of:

(a) communicating at least one first signal and at least one second signal, converting the first signal into a radio frequency with an appropriate format and transmitting the first signal to conductive elements via an exciter by a hub;

(b) allowing a probe to receiving the first signal, to convert the first signal into the second signal and to transmit the second signal to the hub via the exciter;

wherein the conductive elements are conductive members selected from a set including conductive frameworks, electrical wires, metal walls or any combination thereof; and

the conductive elements receive the second signal from the [~~prove~~] probe and transmit the second signal to the exciter.

1 30. (Currently amended) The method recited in claim [7] 29, wherein the hub includes at  
2 least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a  
3 modem, a security controller, and a network processor.

1 31. (Currently amended) The method recited in claim [8] 30, wherein the security controller  
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

1 32. (Currently amended) The method recited in claim [7] 29, wherein at least one of the first  
2 signal and the second signal is at a radio frequency between 0.5-100 MHz.

1 33. (Currently amended) The method recited in claim [7] 29, wherein at least one of the first  
2 signal and the second signal includes information from at least one of a satellite television, a  
3 cable television, an Internet provider, a computing device, a phone provider, a DVD player, a  
4 computer, a television, DSL, and LAN.

1 34. (Currently amended) The method recited in claim [7] 29, wherein the hub is connected to  
2 another hub by a hard wire or wirelessly.

1 35. (Currently amended) A hub [~~utilizing~~] utilized for a communication system,  
2 wherein the hub for communicating at least one first signal and at least one second  
3 signal, converting the first signal into a radio frequency with an appropriate format and  
4 transmitting the first signal to conductive elements via an exciter;

5            wherein the communication system includes a probe for receiving the first signal,  
6            converting the first signal into the second signal and transmitting the second signal to  
7            the hub via the exciter;

8            wherein the conductive elements are conductive members selected from a set including  
9            conductive frameworks, electrical wires, metal walls or any combination thereof; and  
10           the conductive elements receive the second signal from the [~~probe~~] probe and transmit  
11           the second signal to the exciter.

1    36.    (Currently amended) The hub recited in claim [~~43~~] 35, wherein the hub includes at least  
2    one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a  
3    security controller, and a network processor.

1    37.    (Currently amended) The hub recited in claim [~~44~~] 36, wherein the security controller  
2    processes signals from a camera or another hub comprising a receiver and a transmitter.

1    38.    (Currently amended) The hub recited in claim [~~43~~] 35, wherein at least one of the first  
2    signal and the second signal is at a radio frequency between 0.5-100 MHz.

1    39.    (Currently amended) The hub recited in claim [~~43~~] 35, wherein at least one of the first  
2    signal and the second signal includes information from at least one of a satellite television, a  
3    cable television, an Internet provider, a computing device, a phone provider, a DVD player, a  
4    computer, a television, DSL, and LAN.

**Serial No.: 10/770,650**  
**Hub and Probe System**  
**Haight, Robert W.**

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**Art Unit: 2618**  
**Att. Ref. 60607.300602**

- 1 40. (Currently amended) The hub recited in claim [~~43~~] 35, wherein the hub is connected to
- 2 another hub by a hard wire or wirelessly.